

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2033

ANSWERED ON:05.05.2016

Generation of Solar Energy

Dhruvanarayana Shri Rangaswamy;Jadhav Shri Sanjay Haribhau;Kushwaha Shri Ram Kumar Sharma;Maadam Smt. Poonamben Hematbhai

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the solar generation capacity in the country during the last year, State-wise;
- (b) the solar energy capacity increased in the country during each of the last three years, State-wise;
- (c) whether the Union Government has set a target to generate solar energy by the year 2019, if so, the State-wise plan prepared to achieve this target;
- (d) the total funds likely to be spent for the said purpose by the Union Government, State-wise;
- (e) whether the price of solar power for the consumers has been higher as compared to thermal, atomic and hydro power, particularly during the initial stage of solar power projects, if so, the break-up of tariff thereof separately; and
- (f) whether the tariff of solar power will continuously keep on declining after every two years, if so, the facts in this regard?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

- (a): State-wise details of solar energy generation capacity in the country installed during the last year is given at Annexure-I.
- (b): State-wise details of solar energy generation capacity increased during the last three years is given at Annexure-I.
- (c): Yes, Madam. Government has set a target of Grid connected solar power of 100 GW by 2022. State-wise plan, taking Renewable Purchase Obligation (RPO) of 8%, is given at Annexure-II.
- (d): The funds to be spent by Union Government are decided on year to year basis. Funds allocated for years 2015-16 and 2016-17 are Rs. 3147 crore and Rs. 3140 crore respectively.
- (e): The solar tariff are quite competitive in comparison with the tariff from newly constructed thermal, atomic and hydro power projects. The details as provided by Central Electricity Authority (CEA) are given at Annexure-III.
- (f): The solar tariff during the last 2 to 3 years has declined. However, it cannot be ascertained that it will keep on declining after every two years. Under the recent tenders for procurement of solar power, the tariff discovered ranges from as low as Rs. 4.34 per kWh to Rs. 5.50 per kWh.